Manufacturing Intelligent Compressed Air Products Since 1983
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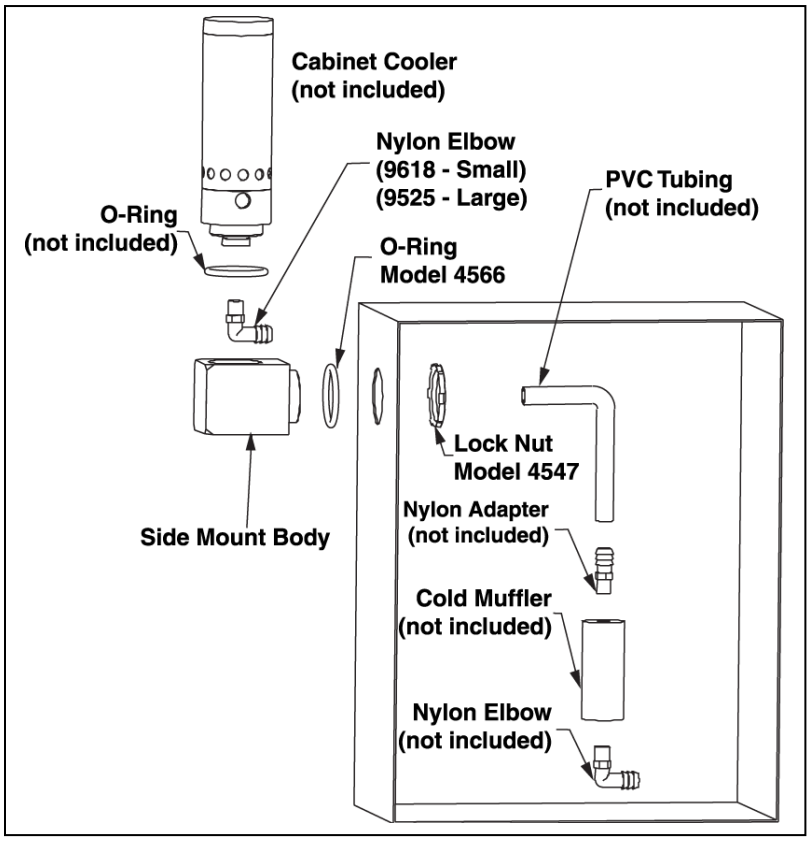
CABINET COOLER® SIDE MOUNT KITS INSTALLATION & MAINTENANCE



Model	Description
4909	Side Mount Kit for NEMA 12 up to 550 Btu/hr. (139 Kcal/hr.)
4910	Side Mount Kit for NEMA 12, 650 Btu/hr. (165 Kcal/hr.) and higher
4906	Side Mount Kit for NEMA 4/4X up to 550 Btu/hr. (139 Kcal/hr.)
4907	Side Mount Kit for NEMA 4/4X, 650 Btu/hr. (165 Kcal/hr.) and higher
4907-316	Side Mount Kit in 316 Stainless Steel for NEMA 4/4X, 650 Btu/hr. (165 Kcal/hr.) and higher

EXAIR's Side Mount Kits make mounting on the side of an electrical enclosure possible when there is limited space on the top or side. (NEMA 4 and 4X Cabinet Coolers must be mounted vertically.) The Side Mount Kits maintain the NEMA rating of large and small NEMA Type 12, 4 and 4X enclosures. They mount in a standard electrical knockout (1-1/2 NPS). Side Mount Kits for NEMA 12 Cabinet Coolers have an aluminum construction. Those for NEMA 4 and 4X Cabinet Coolers are Type 303 stainless steel, except for Model 4907-316 which is Type 316 stainless steel.

1. Determine the position of the mounting kit on the side of your electrical cabinet. Since heat rises, EXAIR recommends mounting the Cabinet Cooler toward the top of your cabinet.

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2. If a 1-1/2 knockout is not available, cut a 1-15/16” (49mm) hole in your cabinet for the 1-1/2 NPS thread of the Side Mount Kit. All models require the same diameter mounting hole.

3. Remove the locking nut from the Side Mount Kit. Install the thread through the hole, making sure the o-ring is positioned between the Side Mount Kit and the cabinet. Replace the lock-nut and tighten.

4. Remove the lock nut from the Cabinet Cooler. It isn’t needed for this installation but is important that the o-ring remain on the bottom of the Cabinet Cooler to maintain a tight seal when installed in the Side Mount Kit.

5. Thread the nylon elbow **loosely** (clockwise) into the cold air exhaust on the bottom of the Cabinet Cooler. Thread the Cabinet Cooler with the nylon elbow into the Side Mount Kit, turning clock-wise to tighten.

6. From inside the cabinet, reach into the open end of the Side Mount Kit and center the nylon elbow. Attach the cold air distribution hose onto the nylon elbow. If you are using 4 feet (1.2m) or more of Cold Air Distribution Hose, use of the Cold Muffler is optional.

7. For Cabinet Coolers 650 Btu/hr. (165 Kcal/hr.) and larger, the Cold Muffler can be installed by replacing the ¼ NPT brass close nipple that is threaded into the muffler with the #9524 hose barb adapter. Cut off a 4-5/8” (117mm) length of the cold air distribution hose. Place this 4-5/8” (117mm) section of hose onto the #9525 nylon elbow hose barb inside the Side Mount Kit. Install the second #9525 nylon elbow hose barb into the 4-5/8” (117mm) section of hose so the threaded end is pointing toward the bottom of the cabinet. Thread the muffler onto the nylon elbow. Place the remaining Cold Air Distribution Hose onto the hose barb.

8. Continue the installation of the Cabinet Cooler by following the “Installation and Maintenance Sheet” supplied with the Cabinet Cooler.

If you have any questions or problems, please contact:

YOUR INFO HERE:

Company Name Telephone
FAX: Email: Website:

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